

## AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0052] as follows.

[0052] Fig. 6C illustrates a structure 660 for a modulator such as modulator 440. Structure 660 uses a point defect resonator that contains a material 625 such as a semiconductor material (e.g., a p-i-n structure) or lithium niobate ( $\text{LiNbO}_3$ ) and electrode ~~650~~ 670 and ~~655~~ 675 that are both under the point defect but separated from each other. A voltage applied across electrodes ~~650~~ 670 and ~~655~~ 675 creates an electric field E that changes the refractive index in the point defect causing a phase change in the resonating optical signal. Variations of the applied voltage between electrodes ~~650~~ 670 and ~~655~~ 675 can thus be used for amplitude or frequency modulation of the optical signal.